IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.01% or less,

S: 0.02% or less, and

at least one element selected from the group consisting of Nb, V, Ti, Hf and

Zr: 0.1% or less (excluding zero) in total;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,

where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area $(RA\sigma) \le 4\%$.

Claim 2 (Original): A hot-rolled wire rod according to claim 1, wherein the average diameter of nodules in said pearlite structure is $10 \mu m$ or less.

Claim 3 (Currently Amended): A hot-rolled wire rod according to claim 1, said wire rod further eomprising consisting essentially of:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

Application No. 10/528,263 Reply to Office Action of April 16, 2009, and Advisory Action of July 31, 2009

Claim 4 (Canceled).

Claim 5 (Currently Amended): A hot-rolled wire rod according to claim 1, said wire rod further comprising consisting essentially of N controlled to 0.01% or less.

Claim 6 (Currently Amended): A hot-rolled wire rod according to claim 1, said wire rod further emprising consisting essentially of Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 7 (Canceled).

Claim 8 (Previously Presented): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.01% or less,

S: 0.02% or less, and

B: 0.001 to 0.005%;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30, where, TS* = $400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets []

in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area $(RA\sigma) \le 4\%$.

Claim 9 (Previously Presented): A hot-rolled wire rod according to claim 8, wherein the average diameter of nodules in said pearlite structure is 10 µm or less.

Claim 10 (Currently Amended): A hot-rolled wire rod according to claim 8, said wire rod further eomprising consisting essentially of:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

Claim 11 (Currently Amended): A hot-rolled wire rod according to claim 8, said wire rod further eomprising consisting essentially of N controlled to 0.01% or less.

Claim 12 (Currently Amended): A hot-rolled wire rod according to claim 8, said wire rod further emprising consisting essentially of Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 13 (Previously Presented): A hot-rolled wire rod consisting essentially of (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.01% or less,

S: 0.02% or less,

B: 0.001 to 0.005%, and

at least one element selected from the group consisting of Nb, V, Ti, Hf and

Zr: 0.1% or less (excluding zero) in total;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30,

where, $TS^* = 400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,

Application No. 10/528,263

Reply to Office Action of April 16, 2009, and Advisory Action of July 31, 2009

(4) Standard deviation of reduction of area $(RA\sigma) \le 4\%$.

Claim 14 (Previously Presented): A hot-rolled wire rod according to claim 13, wherein the average diameter of nodules in said pearlite structure is 10 µm or less.

Claim 15 (Currently Amended): A hot-rolled wire rod according to claim 13, said wire rod further comprising consisting essentially of:

Cr: 0.3% or less (excluding zero) and/or

Ni: 0.3% or less (excluding zero).

Claim 16 (Currently Amended): A hot-rolled wire rod according to claim 13, said wire rod further emprising consisting essentially of N controlled to 0.01% or less.

Claim 17 (Currently Amended): A hot-rolled wire rod according to claim 13, said wire rod further comprising consisting essentially of Al and Mg controlled to 0.05% or less and 0.01% or less, respectively.

Claim 18 (Previously Presented): A hot-rolled wire rod obtained by hot rolling a steel composition comprising (in mass%):

C: 0.6 to 1.0%,

Si: 0.1 to 0.85%,

Mn: 0.3 to 1.0%,

P: 0.01% or less, and

S: 0.02% or less;

performing a first cooling of the wire rod at an average cooling rate of 8 to 20°C/sec in a temperature range of from 900 to 670°C; and

performing a second cooling of the wire rod at an average cooling rate of 1 to 5° C/sec in a temperature range of from 670 to 500° C;

wherein said hot-rolled wire rod is

5.0 mm or more in diameter;

not less than 90% of said wire rod in area percentage comprises a pearlite structure; and

the mechanical properties of said wire rod 4 m in length satisfy the following expressions (1) to (4):

Application No. 10/528,263 Reply to Office Action of April 16, 2009, and Advisory Action of July 31, 2009

(1) TS*-30 \leq Average value of tensile strength (TS_{AV} in MPa) \leq TS*+30, where, TS* = $400x\{[C]+([Mn]+[Si])/5\}+670$ and the elements in square brackets [] in the equation mean the contents of relevant elements in percentage,

- (2) Standard deviation of tensile strength (TS σ) \leq 30 MPa,
- (3) Average value of reduction of area $(RA_{AV}) > 35\%$,
- (4) Standard deviation of reduction of area $(RA\sigma) \le 4\%$.